BFR-XXX

Fingerprint Reader

INSTALLATION MANUAL



Step 1:

Connection - Remove the BFR from its packaging and connect it to the control panel's reader port and to the LAN as shown in Fig 1.



Fig.1

Step 2:

Configuring IP – There is two methods to configuring the IP address for the BFR-XXX fingerprint reader. You can use "IP Locator" and /or "the built in Web page".

Method 1:

IP Locator - On the AxiomVTM or Integra32TM CD in the Communication folder, locate the IP Locator program and run it. Selecting the 'Refresh' button will display all units in the upper box as shown. Select a unit to change, and its data will be displayed in the fields below. Change the data as required and select "Alter". A password box will appear (the default is password is blank, no password). This will change the IP to the desired network address.

<u> (</u>	🚳 IP Locator						
Administrators Help							
	Device Name	Location	Model Name	IP Address	Subnet mask	Gateway	MAC Address
1	BFR-200S		RBH-BFR-200-E(H\ 128.100.1.55	255.255.255.0	128.100.1.1	00 0E E3 01 A8 3C
	Broadcom NetXtrem Symantec Network S Active Route : IP Addres Subnet Ma Gateway :	e 57xx Gigabit Cont Security Miniport s : 125.100.75.9 ask : 255.255.255.0 : 125.100.75.1	troller -	IP Address : 0 Subnet Mask : 0 Gateway : 0 Mac Address :	0 0 0 0 0 0	. 0 . 0 . 0 . 0 . 0	Exit

Method 2:

Built in Web Page – Change your computer's IP address to be in the acceptable range of the BFR-XXX's default IP [192.168.0.66]. In your web browser enter the Default address of the BFR-XXX and the following box will appear.

Connect to 128.1	00.1.55	? 🗙		
	E			
The server 128,100,1,55 at BFR-2005 requires a username and password. Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).				
<u>U</u> ser name:	2	~		
<u>P</u> assword:				
	Remember my password			
	ОК	Cancel		

Enter <u>User name</u> "RBH" and <u>Password</u> "password" (it is case sensitive) and the following window will appear.

🥖 Fingerprint System - Windows Inte	🤁 Fingerprint System - Windows Internet Explorer				
File Edit View Favorites Tools Help					
	TERMINAL STATUS				
BBH	System Status				
ACCESS	Product Name :	RBH-BFR-200S(HW1.2)			
	Firmware Version :	4.00.03,Feb 2 2012			
Search Employee	System Time :	03/02/2012 08:53:26 GMT-05			
	Terminal ID :	1			
By Card ID	Description :	RBH			
 By Employee ID By Last Name 	Registered User :	3			
SEARCH	Log Count :	132			
OE/ROIT	Weigand Format :	Customize			
▲ Terminal	Weigand Output :	Customize			
View Hear List	Ethernet Status				
Add Employee	MAC Address :	00:0e:e3:02:48:1f			
System Log	IP Address :	125.100.75.118			
Terminal Status Administrator Setup	Subnet mask :	255.255.255.0			
Terminal Setup	Default Gateway :	125.100.75.1			
Wiegand Setup Wiegand Format	Primary DNS :	168 95 1 1			
Communication Setting DDNS Setup Clock Setup Time Set Time Zone Setup					
Device Admin Reboot Upgrade Firmware Reset	 x				

Select the *Communication Settings* to go to the IP configuration page. Edit the IP settings and click on *SAVE*.



Note: Always use STATIC IP for Type and TCP SERVER for Connection Mode.

🗧 Fingerprint System - Windows Internet Explorer				
	🛾 🖄 🗲 🔀 Fingerprint System	× ⋒ ☆ ₩		
	COMMUNICATION SETTIN	IG		
	Net Mode	TYPE: STATIC IP		
Search Employee	IP Address	125 . 100 . 75 . 118		
 By Card ID By Employee ID By Last Namo 	Subnet Mask	255 . 255 . 255 . 0		
SEARCH	Default Gateway IP	125 . 100 . 75 . 1		
▲ Terminal	DNS Server IP	168 . 95 . 1 . 1		
View User List Add Employee System Log Terminal Status	Operation Mode (Software Used)			
Administrator Setup Terminal Setup Wiegand Setup	Connection Mode	TCP SERVER		
Wiegand Format Communication Setting DDNS Setup	Port Number	2000		
Clock Setup Time Set Time Zone Setup	WEB Managemant Port			
▲ Tools	Http Port Management	€ UNBLOCK(80) C BLOCK		
Device Admin Reboot Upgrade Firmware	Access Key(Software Used)			
Reset Web Ver4.0		Disable C Enable 00 : 00 : 00 : 00 : 00 : 00		
Build Date 09/29/2011		SAVE		

Click the *SAVE* button.

Step 3:

Configuring Weigand Output – You can either select one of the predefined weigand formats or configure a customize format. To select one of the predefined formats, click on *Weigand Setup*, and select the required format in both the fields as shown below and click on *SET*.

🖉 Fingerprint System - Windows Inter	net Explorer		
COC V //125.100.75.118/		💽 🛃 🐓 🗙 🔎 Bing	P -
🔶 Favorites 🛛 🏠 💋 Suggested Sites 🕶	🖉 Web Slice Gallery 🚽		
🥖 Fingerprint System		🟠 🔻 🖾 👻 🖃 🖶 Y Page 👻 Safety 🕶 T	T <u>o</u> ols + 🔞 +
	Wiegand Setup		
	Wiegand Format :	RBH 50 Bits (Default: 34 Bits)	
BBH		⊙ ENABLE O DISABLE	
ACCESS	Wiegand Output :	Output Format:RBH 50 Bits 🔽 (Default: 26 Bits)	
Search Employee		SET	
	<u>,</u>		
By Card ID			
By Employee ID			
By Last Name			
SEARCH			
⊿ ^{Terminal}			
View User List			
Add Employee			
System Log			
Administrator Setup			
Terminal Setup			
Wiegand Setup			
Wiegand Format			
Done		💽 😜 Internet Protected Mode: On 🛛 🖓 🔹 🔍	100% - //.

For a customize format, first need to configure the format in *Weigand Format* window. Put in all the format information as shown below and click on *SET*.

🖉 Fingerprint System - Windows Internet Explorer					
A step://125.100.75.118/					
🔶 Favorites 👍 🙋 Suggested Sites 👻 🙋 Web Slice Gallery 👻					
Fingerprint System Image → Description System Image → Description System					
	Wiegand Config	<u> </u>			
	Wiegand Name : 34BitALBA	(15 Char. Max)			
RBH	CUSTOMIZE(HEX)				
ACCESS	Number of bits(9-40)	22			
Search Employee	Parity even bit map				
Search Employee	Bits 0-7	bf			
By Card ID	Bits 8-0F	ff			
By Employee ID	Bits 10-17	ff			
By Last Name	Bits 18-1F	00			
SEARCH	Bits 20-27	00			
Terminal	Bits28-2F	00			
	Bits30-37	00			
View User List Add Employee	Bits38-3F	00			
System Log Parity odd bit map					
Terminal Status	Bits 0-7	40			
Terminal Setup	Bits 8-0F	00 -			
Internet Protected Mode: On					

The new format configured will now show in the list of formats in Weigand Setup window. Select the format and click on *SET*.

🖉 Fingerprint System - Windows Internet Explorer					
C C F Attp://125.100.75.118/	-	à 👉 🗙 🔎 Bing	• •		
🔶 Favorites 🛛 🚖 🙋 Suggested Sites 🕶	💋 Web Slice Gallery 🚽				
Fingerprint System		🏠 🔹 🔝 👻 🖃 🖶 👻 Page 🔹 Safety 🔹 Tools 🔹 (? - ()		
	Wiegand Set	р	-		
RBH	Wiegand Format :	34BitALBA (Default: 34 Bits)			
ACCESS		© ENABLE O DISABLE			
Search Employee	Wiegand Output :	Output Format:34BitALBA (Default: 26 Bits)			
		SET			
By Card ID	<u> </u>		-		
By Employee ID					
By Last Name					
SEARCH					
⊿ ^{Terminal}					
View User List —					
Add Employee					
System Log					
Terminal Status					
Administrator Setup					
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Wiegand Setup Wiegand Format					
Communication Setting					
		Internet Protected Mode: On	-		
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Firmware Upgrade

If Firmware upgrade is required on BFR fingerprint unit, click on *Upgrade Firmware* on the web browser page.

🖉 Fingerprint System - Windows Internet Explorer					
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🚖 Favorites 🛛 👍 🙋 Suggested Sites 🕶	🥭 Web Slice Gallery 👻				
Fingerprint System	🖉 Fingerorint System https://www.safety.v. Tools.v. 🕡 v. 🖂 👘 v. Page v. Safety.v. Tools.v. 🔞 v.				
By Card ID	Second ID				
By Last Name	TERMINAE OTATOO				
SEADCH					
Sector Statue					
	System status				
Terminal	Product Name :	RBH-BFR-200S(HW1.2)			
- View User List	Firmware Version :	4.00.03,Feb 2 2012			
Add Employee	System Time :	03/02/2012 09:19:15 GMT-05			
System Log	Terminal ID :	1			
Terminal Status	Descriptions	DDU			
Administrator Setup	Description :	квн			
Terminal Setup	Registered User :	3			
Wiegand Setup	Log Count :	132			
Wiegand Format	Weigand Format	Customize			
Communication Setting					
Clock Setup	Weigand Output :	Customize			
Time Set	Ethernet Status				
Time Zone Setup	MAC Address :	00:0e:e3:02:48:1f			
Tools	IP Address :	125.100.75.118			
	Subnet mask :	255.255.255.0			
Device Admin	Default Gateway :	125,100,75,1			
Reboot	Di 040				
Upgråde Firmware	Primary DNS :	108.93.1.1			
Reset					
Build Date 09/29/2011					
🛛 🔽 🚱 Internet Protected Mode: On 🛛 🖓 👻 100% 👻					

Browse the upgrade file/files provided, (You may need to upgrade the Firmware on unit as well as Web browser) and click on *UPGRADE*.



For integration with AxiomV[™] or Integra32[™] see TB65_BFRQuickConfigGuide on the CD.